

DATA ERASING APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 The invention enables a magnetic disk drive to be
inserted and removed against an attraction force exerted
by a magnetic force that is strong enough to erase data
on a magnetic disk enclosed within a metal case. A
converting mechanism comprising a ballscrew and a
ballscrew nut bracket is provided that converts
15 rotational motion of a handle into translational motion
of an HDD holder; by rotating the handle, the HDD holder
with the hard disk drive mounted thereon is moved in the
inserting and removing directions by overcoming the
attraction force being exerted by the magnetic field
20 generated by means of a permanent magnet. An electric
motor may be used to generate the rotational force.